

07 FEB 2005

DO-1390 (Rev. 12-2004)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 47966.8.1 U.S. APPLICATION NO. (if known) (37 CFR 1.5) <b>10/523915</b>
INTERNATIONAL APPLICATION NO. PCT/IT2002/000521	INTERNATIONAL FILING DATE 6 August 2002	PRIORITY DATE CLAIMED 6 August 2002
TITLE OF INVENTION METHOD AND APPARATUS FOR REMOVING SUBSTANCES FROM SOLID MATRIX WITH ENERGY SAVING		
APPLICANT(S) FOR DO/EO/US: Fortunato FEDEGARI, Andrea SCULLINO, and Paolo PALLADO		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))                         <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).                         <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))                         <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input checked="" type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: <u>Return Receipt Postcard</u></li> </ol>		
<b>Express Mail Certificate</b> Express Mail Label No.: <u>EL 963532019 US</u> Date of Deposit: <u>7 February 2005</u>		
I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Mail Stop PCT, PO Box 1450, Alexandria, Virginia, 22313-1450.		
Name of Person Making Deposit: <u>Deborah L. Maday</u> Signature:		

EL 963532019US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold; text-align: center;">10/523915</div>		INTERNATIONAL APPLICATION NO. PCT/IT2002/000521		ATTORNEY'S DOCKET NUMBER 47966.8.1	
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21. The following fees are submitted:  <input checked="" type="checkbox"/> a) Basic national fee.....\$300.00 <input checked="" type="checkbox"/> b) Examination fee.....\$200.00 <input checked="" type="checkbox"/> c) Search fee.....\$500.00 <b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>  <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. <table border="1" style="width:100%; border-collapse: collapse; margin-top: 5px;"> <tr> <th style="width:15%;">Total Sheets</th> <th style="width:15%;">Extra Sheets</th> <th style="width:35%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width:35%;">Rate</th> </tr> <tr> <td>* - 100= 0</td> <td>0 / 50= 0</td> <td></td> <td>x \$250.00</td> </tr> </table>				Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate	* - 100= 0	0 / 50= 0		x \$250.00	<b>Applicant use</b>	<b>Office use only</b>												
				Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate																		
				* - 100= 0	0 / 50= 0		x \$250.00																		
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">CLAIMS</th> <th style="width:15%;">NUMBER FILED</th> <th style="width:15%;">NUMBER EXTRA</th> <th style="width:35%;">RATE</th> </tr> <tr> <td>Total claims</td> <td>12 - 20 =</td> <td>-0-</td> <td>x \$ 50.00</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td>-0-</td> <td>x \$ 200.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360.00</td> </tr> <tr> <td colspan="3"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td>\$1130.00</td> </tr> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	12 - 20 =	-0-	x \$ 50.00	Independent claims	2 - 3 =	-0-	x \$ 200.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	<b>TOTAL OF ABOVE CALCULATIONS =</b>			\$1130.00	\$1000.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																						
Total claims	12 - 20 =	-0-	x \$ 50.00																						
Independent claims	2 - 3 =	-0-	x \$ 200.00																						
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00																						
<b>TOTAL OF ABOVE CALCULATIONS =</b>			\$1130.00																						
<input checked="" type="checkbox"/> Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130.00																					
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$565.00																					
<b>SUBTOTAL =</b>				\$565.00																					
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$																					
<b>TOTAL NATIONAL FEE =</b>				\$565.00																					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property				\$																					
<b>TOTAL FEES ENCLOSED =</b>				\$565.00																					
				<b>Amount to be refunded:</b>	\$																				
				<b>charged:</b>	\$																				

  

a. ☒ A check in the amount of \$565.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1910. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

James R. Haller  
FREDRIKSON & BYRON, P.A.  
200 South Sixth Street, Suite 4000  
Minneapolis, Minnesota 55402-1425  
US

SIGNATURE  
 \_\_\_\_\_  
 James R. Haller

24,906  
 REGISTRATION NUMBER